



# SAFETY DATA SHEET

Product Trade Name:  
Revision Date: 10-15-2015

UNITED HYDRAULIC OIL AW 250

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Identification of Substances or Preparation

Product Trade Name: UNITED AW 250  
Synonyms: None  
Chemical Family: Blend  
Manufacturer/Supplier: United Oil Company  
1800 N Franklin St  
Pittsburgh, PA 15233

Emergency Phone Number 412.231.1269 8-4 EST  
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## 2. HAZARDS IDENTIFICATION

Prolonged exposure may cause eye, skin and respiratory tract irritation. May be harmful if swallowed.

### GHS label elements

**Signal Word** : No signal word.

**Hazard statements** : No known significant effects or critical hazards

## 3. COMPOSITION/ INFORMATION ON INGREDIENTS

Component / CAS #	Symbol	Risk Phrases	EC #	%
Hydrotreated distillate 64741-88-4	None	None	649-422-00-2	75-80
Highly refined mineral oil 64742-01-4	None	None	204-112-2	15-20
Petroleum additives proprietary				0.5-2.0

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

More restrictive exposure limits may be enforced by some states, agencies, or other authorities.

**4. FIRST AID MEASURES**

<b>Inhalation</b>	If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
<b>Skin</b>	Wash with soap and water. Get medical attention if irritation persists.
<b>Eyes</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
<b>Ingestion</b>	Do not induce vomiting. Slowly dilute with 1-2 glasses of water and seek medical attention. Never give anything by mouth to an unconscious person.
<b>Notes to Physician</b>	Not Applicable

**5. FIRE FIGHTING MEASURES**

<b>Suitable Extinguishing Media</b>	Water fog, carbon dioxide, foam, dry chemical.
<b>Unsuitable Extinguishing Media</b>	None known.
<b>Special Exposure Hazards</b>	Decomposition in fire may produce toxic gases.
<b>Special Protective Equipment for Firefighters</b>	Full protective clothing and approved self-contained breathing apparatus required for fire fighting personnel.

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautionary Measures</b>	Use appropriate protective equipment.
<b>Environmental Precautionary Measures</b>	Prevent from entering sewers, waterways, or low areas.
<b>Procedure for Cleaning / Absorption</b>	Isolate spill and stop leak where safe. Contain spill with sand or other inert materials. Scoop up and remove.

**7. HANDLING AND STORAGE**

<b>Handling Precautions</b>	Avoid breathing vapors or mists of this product. Avoid contact with eyes, skin, or clothing. Avoid the generation of oil mists. Do not take internally. Only use with adequate ventilation.
<b>Storage Information</b>	Store in a cool well ventilated area. Keep container tightly closed and in a place away from incompatible materials.. Empty containers retain product residue ( liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat, flame, sparks, static electricity, or other sources of ignition, they may explode. Use good housekeeping and close container when not in use.

**Manufacturer recommends storing above 40° F. Thaw and mix thoroughly if frozen. Do not store above 100° F**

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Engineering Controls</b>	Use in a well ventilated area. Local exhaust ventilation should be used in areas without good cross ventilation.
<b>Respiratory Protection</b>	Organic vapor respirator with a dust/mist filter.
<b>Hand Protection</b>	Impervious rubber gloves.
<b>Skin Protection</b>	Normal work coveralls.
<b>Eye Protection</b>	Chemical goggles; also wear a face shield if splashing hazard exists.
<b>Other Precautions</b>	Eyewash fountains and safety showers must be easily accessible.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE/ODOR	Clear amber Liquid/oil Slight odor	VISCOSITY @ 100 C	45-49 SSU 6-7 cSt
BOILING POINT :	552 F	VAPOR DENSITY (AIR=1):	> 1
VAPOR PRESSURE:	ND	SOLUBILITY IN H <sub>2</sub> O:	Insoluble
SPECIFIC GRAVITY (H <sub>2</sub> O = 1):	0.86	VOC:	ND
MELTING POINT :	ND	FLASH POINT;	> 392 F COC
EVAPORATION RATE ( Butyl Acetate = 1)	ND		

**10. STABILITY AND REACTIVITY**

<b>Stability Data:</b>	Stable
<b>Hazardous Polymerization:</b>	Will Not Occur
<b>Conditions to Avoid</b>	None anticipated
<b>Incompatibility (Materials to Avoid)</b>	ND
<b>Hazardous Decomposition Products</b>	Ammonia, nitrogen, oxides and carbon monoxide when burned
<b>Additional Guidelines</b>	Not Applicable

**11. TOXICOLOGICAL INFORMATION**

<b>Principle Route of Exposure</b>	Eye or skin contact, inhalation.
<b>Inhalation</b>	May cause respiratory irritation.

<b>Skin Contact</b>	May cause skin irritation, but is considered a non sensitizer
<b>Eye Contact</b>	May cause eye irritation.
<b>Ingestion</b>	Aspiration into the lungs may cause chemical pneumonitis including coughing, difficulty breathing
<b>Aggravated Medical Conditions</b>	Skin disorders.
<b>Chronic Effects/Carcinogenicity</b>	None expected
<b>Other Information</b>	None known.
<b>Toxicity Tests</b>	
<b>Oral Toxicity:</b>	Not determined
<b>Dermal Toxicity:</b>	Not determined
<b>Inhalation Toxicity:</b>	Not determined
<b>Primary Irritation Effect:</b>	Not determined
<b>Carcinogenicity</b>	Not determined
<b>Genotoxicity:</b>	Not determined
<b>Reproductive / Developmental Toxicity:</b>	Not determined

Ingredients within this product are not found on the following lists: Federal OSHA Z List, NTP, IARC, or CAL/OSHA and therefore are not considered to be, nor suspected to be, cancer causing agents by these agencies.

## 12. ECOLOGICAL INFORMATION

<b>Mobility (Water/Soil/Air)</b>	Not determined
<b>Persistence/Degradability</b>	This product is believed to be stable
<b>Bio-accumulation</b>	Not Determined

### Ecotoxicological Information

<b>Acute Fish Toxicity:</b>	Not determined
<b>Acute Crustaceans Toxicity:</b>	Not determined
<b>Acute Algae Toxicity:</b>	Not determined
<b>Chemical Fate Information</b>	Not determined
<b>Other Information</b>	Not applicable

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal Method</b>	Disposal should be made in accordance with federal, state, and local regulations.
<b>Contaminated Packaging</b>	Follow all applicable national or local regulations.

**14. TRANSPORT INFORMATION**

<b>Land Transportation</b>	ADR Not restricted
<b>Air Transportation</b>	ICAO/IATA Not restricted
<b>Sea Transportation</b>	IMDG Not restricted
<b>Other Shipping Information</b>	None

**15. REGULATORY INFORMATION****EC Supply labeling Requirements Classification**

**NFPA RATINGS:** HEALTH: 1 FIRE: 2 REACTIVITY: 0  
HAZARD SCALE: 0 = MINIMAL 1= SLIGHT 2= MODERATE 3= SERIOUS 4= SEVERE

**HMIS RATINGS:** HEALTH: 1 FIRE: 1 REACTIVITY: 0 PERS. PROT:  
HAZARD SCALE: 0 = MINIMAL 1= SLIGHT 2= MODERATE 3= SERIOUS 4= SEVERE \* = 5= CHRONIC

HAZARD CLASS.....NOT REGULATED  
DOT SHIPPING NAME.....N/A  
REPORTABLE QUANTITY (RQ).....N/A  
UN NUMBER.....N/A  
NA#.....N/A

**Risk Phrases** None

**Safety Phrases** S 24/25 Avoid contact with skin and eyes.  
S 28A After contact with skin, wash immediately with plenty of water.  
S 37 Wear suitable gloves.  
S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**EINECS Inventory**

**Germany, Water Endangering  
Classes (WGK)** Not determined

**16. OTHER INFORMATION**

The following sections have been revised since the last issue of this MSDS Not applicable

**US FEDERAL REGULATIONS****A. GENERAL PRODUCT INFORMATION**

THIS PRODUCTS HEALTH EFFECTS ARE CONSIDERED CONSISTENT WITH REQUIREMENTS UNDER 29 CFR 1910.1200 (HAZARD COMMUNICATION)

**B. COMPONENT ANALYSIS**

NONE OF THIS PRODUCTS COMPONENTS ARE LISTED UNDER SARA SECTION 302 (40 CFR 355 APPENDIX A), SARA SECTION 313 (40 CFR 372.65), OR CERCLA (40 CFR 302.4)  
SARA 311/312: Acute: Yes Chronic: No Fire: No Pressure: No Reactive: No

**C. ALL COMPONENTS ARE ON THE U.S. EPA TSCA INVENTORY LIST****D. NO COMPONENTS ARE LISTED IN THE WHMIS IDL.****E. NO COMPONENTS ARE LISTED UNDER CEPA ACT OF 1999 AS TOXIC SUBSTANCES****Key/Legend:**

**EPA** = Environmental Protection Agency; **TSCA** = Toxic Substance Control Act; **ACGIH** = American Conference of Governmental Industrial Hygienists; **IARC** = International Agency for Research on Cancer; **NIOSH** = National Institute for Occupational Safety and Health; **NTP** = National Toxicology Program; **OSHA** = Occupational Safety and Health Administration; **NFPA** = National Fire Protection Association; **HMIS** = Hazardous Material Identification System; **CERCLA** = Comprehensive Environmental Response, Compensation and Liability Act; **SARA** = Superfund Amendments and Reauthorization Act; **CEPA** = Canadian Environmental Protection Act of 1999.

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